

## Vadaxx VD-CL-1

# Vadaxx 12V/24V Dual Cigarette Lighter Socket Instruction Manual

Model: VD-CL-1

## INTRODUCTION

Welcome to the instruction manual for your Vadaxx 12V/24V Dual Cigarette Lighter Socket. This product is designed to provide reliable and safe power for your electronic devices and accessories in various vehicles. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

## KEY FEATURES

- **12V/24V 3.1A Dual Socket:** Simultaneous use of two female sockets with a total output of 3.1A and 120W power, suitable for 12-24V vehicle power supply equipment like GPS, Dash Cam, Vacuum Cleaner, Car Fridge, Heated Seats, and Sat Nav.
- **Durable Construction:** Housing made of durable plastic with high current, temperature, and abrasion resistance. Dual sockets feature an all-metal inner core for solid and strong construction.
- **Integrated Safety:** Equipped with a standard 15A in-line blade fuse to protect against over-voltage, over-heating, over-load, and short-circuit.
- **Waterproof & Dustproof Cover:** Includes a protective cover to shield the marine power outlet from water splashes and dust, preventing short circuits and poor contact, extending product life.
- **High-Quality Cable:** Features 14AWG gauge pure copper wire for better conductivity, with a convenient 17.5-inch length for installation.
- **Wide Compatibility:** Fits any vehicle powered by DC 12V/24V, including cars, motorcycles, boats, marine vehicles, trucks, RVs, golf carts, ATVs, UTVs, and Vans. Can power devices like GPS, dashcams, air purifiers, car vacuum cleaners, and car heaters.

# Features



Figure 1: Key features of the Vadaxx Dual Cigarette Lighter Socket, including the 15A fuse and durable construction.

## PACKAGE CONTENTS

- 1 x 12V Cigarette Lighter Socket
- 2 x Mounting Screws

## TECHNICAL SPECIFICATIONS

Attribute	Value
Manufacturer	Vadaxx
Brand	Vadaxx
Model	VD-CL-1

Attribute	Value
Item Weight	5 ounces
Product Dimensions	3.3 x 0.95 x 2.2 inches
Country of Origin	China
Manufacturer Part Number	VX-CL-1
Amperage	3.1 Amps
Voltage	12-24 Volts (DC)
Wattage	120 watts
Special Features	Dual female sockets; 3.1A Output; 120W Output power; DC 12V-24V voltage; Durable plastic housing & Inner metal core; 15A Blade fuse, over-voltage, over-heating, over-load, or short-circuit; 14AWG gauge pure copper cable; Easy to install.

## Product Dimension

-Assemble & install at any time-



Note: The line is about 17.5 inch long

Figure 2: Product dimensions of the Vadaxx Dual Cigarette Lighter Socket.

## SETUP AND INSTALLATION

The Vadaxx Dual Cigarette Lighter Socket is designed for straightforward installation.

1. Identify a suitable mounting location in your vehicle that provides access to the battery or a fused power source.
2. Secure the socket unit using the two provided mounting screws. Ensure the surface is stable and can support the unit.
3. Connect the RED wire to the positive (+) terminal of your 12V/24V power source.
4. Connect the BLACK wire to the negative (-) terminal or a suitable ground point in your vehicle.
5. Verify all connections are secure and properly insulated to prevent short circuits.



Figure 3: Vadaxx Dual Cigarette Lighter Socket components for installation.

# Superior Safety

-15A blade fuse & protective cover for multi protection-



Over-voltage  
Protection



Over-load  
Protection



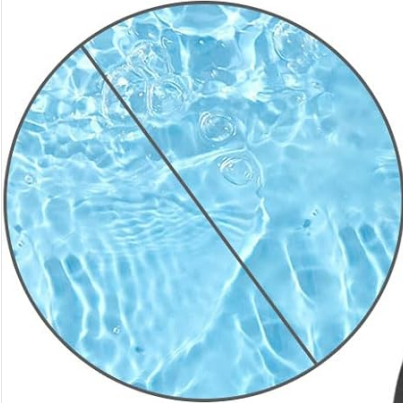
Over-heat  
Protection



Short-circuit  
Protection



Short-current  
Protection



Waterproof



Dustproof



Figure 4: Safety features and protective design of the socket.

## OPERATION

Once installed, the Vadaxx Dual Cigarette Lighter Socket is ready for use.

- Insert your 12V/24V compatible device's plug into either of the two female sockets.
- Ensure the device is properly seated for a secure connection.
- The dual sockets allow for simultaneous use of two devices, provided their combined power consumption does not exceed 120W (3.1A).
- The waterproof and dustproof covers should be closed when the sockets are not in use to protect them from environmental elements.

# Dual Socket Cigarette Lighter Splitter with 15A Blade Fuse

【Output Power: 120W】 【Voltage: DC 12/24V】 【Total Output: 3.1A】  
【Power 2 devices at the same time】



Figure 5: Charging a smartphone using the dual socket.

# Widely Used

-Suitable for most 12/24V automobiles, RVs, boats, ATVs, golf cart, UTV, Van etc-



Figure 6: Wide range of applications for the Vadaxx Dual Cigarette Lighter Socket.

## MAINTENANCE

- Regularly inspect the wiring and connections for any signs of wear, corrosion, or damage.
- Keep the socket openings clean and free of debris. Use a dry cloth to wipe away any dust or dirt.
- Ensure the waterproof and dustproof covers are always properly sealed when the sockets are not in use.
- If the integrated 15A blade fuse blows, replace it with a fuse of the same rating (15A) to ensure continued protection.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
No power from socket	Loose connection	Check all wiring connections (RED to +, BLACK to -) and ensure they are secure.
No power from socket	Blown fuse	Inspect the 15A blade fuse. If the wire inside is broken, replace it with a new 15A fuse.
No power from socket	Device incompatibility	Ensure your device is compatible with 12V/24V power and its power draw does not exceed 120W.
Intermittent power	Poor contact	Ensure the device plug is fully inserted and twisted slightly to establish good contact. Clean the inside of the socket if necessary.
Overheating	Overload	Reduce the number of devices or use devices with lower power consumption. Ensure total wattage does not exceed 120W.

## **WARRANTY AND SUPPORT**

Vadaxx products are designed for durability and performance. For any questions, technical assistance, or warranty claims, please contact Vadaxx customer support. Refer to your purchase documentation for specific warranty terms and contact information.